



April 15, 2011

Alaska Dept. of Environmental Conservation  
ATTN: Watershed Management Section  
555 Cordova Street  
Anchorage, Alaska 99501

FedEx Tracking Number: ~~7969 9768 4366~~ 7970 0780 7367

SUBJECT: DISCHARGE MONITORING REPORTS, NPDES PERMIT NUMBERS  
AKG-31-5003 EAST FORELANDS FACILITY  
AKG-31-5012 PLATFORM A  
AKG-31-5013 PLATFORM C

Enclosed are the subject National Pollution Discharge Elimination System (NPDES) Discharge Monitoring Reports for the month of March 2011. Also enclosed are the 1<sup>st</sup> period & annual re-screen WET test results.

If there are any questions, please don't hesitate to contact me at (907) 776-8473.

Yours Truly,

A handwritten signature in dark ink, appearing to read 'Ryan Tunseth'.

Ryan Tunseth  
EHS&T Coordinator

Enclosures: March 2011 DMR  
WET test results – 1<sup>st</sup> period 2011 & annual re-screen

cc: Director, Office of Water & Watersheds  
U.S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, OWW-130  
Seattle, Washington 98101

Director, Office of Compliance and Enforcement  
U.S. Environmental Protection Agency, Region 10  
1200 Sixth Avenue, OCE-133  
Seattle, Washington 98101

Nina Hutton  
Mike Oconnor  
Cook Inlet RCAC

SCANNED

RECEIVED

APR 21 2011

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

DMR Mailing Zip Code: 99611

MAJOR

(SUBR 02)

PRODUCED WATER AND SAND

External Outfall

NAME: XTO ENERGY, INC

DEC

Division of Water Quality  
Wastewater Discharge Program

ADDRESS: 52260 WIK RD

KENAI, AK 99611

FACILITY: EAST FORELAND

LOCATION: 52260 WIK ROAD, KENAI AK 99611

ATTN: Ryan Tunseth, EHS&amp;T Coordinator

(2-16)

(1/-19)

AKG 31 5003	015
PERMIT NUMBER	DISCHARGE NUMBER

## MONITORING PERIOD

FROM	YEAR	MONTH	DAY	TO	YEAR	MONTH	DAY
	2011	3	1		2011	3	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

No Discharge ☐

PARAMETER (32-37)		QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO EX. (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		Average (53)	Maximum (54-61)	Units	Minimum (38-45)	Average (46-53)	Maximum (54-61)	Units			
015 - Produced Water FLOW	Sample Measurement	0 171670665	0 198786	MGD	***	***	***	***	0	Weekly	Estimate
	Permit Requirement	***	***		***	***	***		***	Weekly	Estimate
015 - Produced Water PRODUCED SAND	Sample Measurement	***	***	***	No discharge	No discharge	No discharge	***	0	***	***
	Permit Requirement	***	***		No discharge	No discharge	No discharge		***	***	***
015 - Produced Water OIL & GREASE	Sample Measurement	***	***	***	***	10 36	12	mg/l	0	Weekly	Grab
	Permit Requirement	***	***		***	20	42		***	Weekly	Grab
015 - Produced Water pH	Sample Measurement	***	***	***	6.5	***	7.29	SU	0	Weekly	Grab
	Permit Requirement	***	***		6	***	9		***	Weekly	Grab
015 - Produced Water TA/H	Sample Measurement	***	***	***	***	13 64	13 64	mg/l	0	Monthly	Grab
	Permit Requirement	***	***		***	24	32		***	Monthly	Grab
015 - Produced Water TAqH	Sample Measurement	***	***	***	***	13.92	13.92	mg/l	0	Monthly	Grab
	Permit Requirement	***	***		***	Report	Report		***	Monthly	Grab
015 - Produced Water TOTAL AMMONIA	Sample Measurement	***	***	***	5 1	5 1	5 1	mg/l	0	Quarterly	Grab
	Permit Requirement	***	***		Report	***	Report		***	Quarterly	Grab

NAME TITLE PRINCIPAL  
EXECUTIVE OFFICERRyan Tunseth  
EHS&T Coordinator

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

  
Signature

Telephone

907 776-8473

Date (YR/MO/DAY)

4/15/2011

COMMENTS & EXPLANATION OF ANY VIOLATIONS: WET Testing sampling frequency is reduced to once/6 months [Section II.G.6.a - Permit # AKG-31-5000] 1st Period 2011 WET tests & Annual Rescreening [Section III.A.2. - Permit # AKG-31-5000] was taken in February-2011. Results are submitted with this (March 2011) DMR. Additionally, the sampling frequency for Copper, Manganese, Silver, Total Mercury, and Zinc is reduced in frequency from monthly to quarterly [Section II.G.6.a - Permit # AKG-31-5000] 1st Quarter 2011 sample results are shown.

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)**

**DMR Mailing Zip Code:** 99611  
**MAJOR**  
 (SUBR 02)  
 PRODUCED WATER AND SAND  
 External Outfall

**NAME:** XTO ENERGY, INC  
**ADDRESS:** 52260 WIK RD  
 KENAI, AK 99611

**FACILITY:** EAST FORELAND  
**LOCATION:** 52260 WIK ROAD, KENAI AK 99611

ATTN: Ryan Tunseth, EHS&I Coordinator

AKG 31 5003	015
PERMIT NUMBER	DISCHARGE NUMBER

**MONITORING PERIOD**

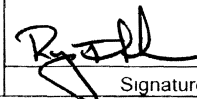
FROM	YEAR	MONTH	DAY
	2011	3	1
	(20-21)	(22-23)	(24-25)

TO	YEAR	MONTH	DAY
	2011	3	31
	(26-27)	(28-29)	(30-31)

No Discharge ☐

PARAMETER (32-37)		QUANTITY OR LOADING (46- 53) (54-61)			QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO EX. (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
015 - Produced Water COPPER	Sample Measurement	***	***	***	***	33.9	33.9	ug/l	0	Quarterly	Grab
	Permit Requirement	***	***		***	60	90		***	Quarterly	Grab
015 - Produced Water MERCURY	Sample Measurement	***	***	***	***	0.00	0	ug/l	0	Quarterly	Grab
	Permit Requirement	***	***		***	0.5	0.8		***	Quarterly	Grab
015 - Produced Water MANGANESE	Sample Measurement	***	***	***	***	1.41	1.41	mg/l	0	Quarterly	Grab
	Permit Requirement	***	***		***	7.9	15.8		***	Quarterly	Grab
015 - Produced Water SILVER	Sample Measurement	***	***	***	***	9.45	9.45	ug/l	0	Quarterly	Grab
	Permit Requirement	***	***		***	45	149		***	Quarterly	Grab
015 - Produced Water ZINC	Sample Measurement	***	***	***	***	0.124	0.124	mg/l	0	Quarterly	Grab
	Permit Requirement	***	***		***	3.1	6.1		***	Quarterly	Grab
015 - Produced Water WET - <i>Mytilus galloprovincialis</i> (invertebrate)	Sample Measurement	***	***	***	***	< 625	< 625	TUc	0	Semi Annual	Grab
	Permit Requirement	***	***		***	1209	2425		***	Semi Annual	Grab

NAME TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Telephone	Date (YR/MO/DAY)
Ryan Tunseth EHS&I Coordinator			
		907 776-8473	4/15/2011

  
 Signature

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(2-16)

(1/ 19)

AKG 31 5003	015
PERMIT NUMBER	DISCHARGE NUMBER

DMR Mailing Zip Code: 99611  
MAJOR  
(SUBR 02)  
PRODUCED WATER AND SANITARY  
External Outfall

**MONITORING PERIOD**

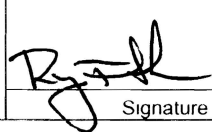
FROM	YEAR	MONTH	DAY
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	(20-21)	(22-23)	(24-25)

TO	YEAR	MONTH	DAY
	2011	3	31
	(26-27)	(28-29)	(30-31)

No Discharge ☐

PARAMETER (32-37)		QUANTITY OR LOADING (46)			QUALITY OR CONCENTRATION				NO EX. (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		Average (53) (54-61)	Maximum	Units	Minimum (38-45)	Average (46-53)	Maximum (54-61)	Units			
015 - Produced Water WET <i>Meridia beryllina</i> (vertebrate)	Sample Measurement	***	***	***	***	< 625	< 625	TUc	0	Semi Annual	Grab
	Permit Requirement	***	***	***	***	1200	2425	TUc	***	Semi Annual	Grab
015 - Produced Water WET <i>Echinoderm</i>	Sample Measurement	***	***	***	***	< 625	< 625	TUc	0	Semi Annual	Grab
	Permit Requirement	***	***	***	***	1200	2425	TUc	***	Semi Annual	Grab
015 - Produced Water	Sample Measurement										
	Permit Requirement										
015 - Produced Water	Sample Measurement										
	Permit Requirement										
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	Permit Requirement										

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Ryan Tunseth EHS&T Coordinator			907 776-8473	4/15/2011

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